

Converting Colors

Hex(008E75)

Have a look what the booklet for
Hex(008E75) contains.

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Color

Hex(008E75)

Conversions

Conversions Part 1

Format	Color
Hex	008E75
RGB	0, 142, 117
RGB Percent	0%, 56%, 46%
CMY	1.0000, 0.4431, 0.5412
CMYK	1.00, 0.00, 0.18, 0.44
HSL	169°, 100%, 28%
HSV	169°, 100%, 56%
XYZ	12.8839, 20.6304, 20.1326
YIQ	96.6920, -76.6070, -37.8790

Conversions

Conversions Part 2

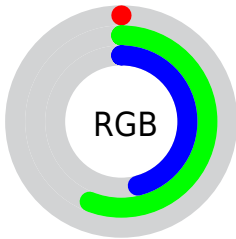
Format	Color
RYB	0, 78, 142
Decimal	36469
CIELab	52.54, -38.60, 4.24
CIELCh	53, 38.828, 173.736
Yxy	20.6304, 0.2402, 0.3846
Android (android.graphics.Color)	4278226549 (0xFF008E75)
YUV	96.6920, 10.0118, -84.7989
Hunter-Lab	45.4207, -28.8534, 5.5143

Details

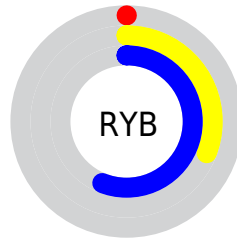
The Hex color **008E75** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8E0019**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **54C5A9**, and **005B45** is the 20% darker color. If you saturate the color by 10%, you get **008E75**, and if you desaturate by 10%, it is **0E8E78**.

Distribution



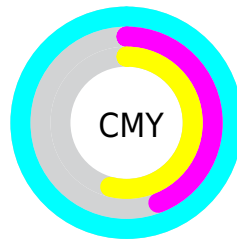
- Red (0%)
- Green (56%)
- Blue (46%)



- Red (0%)
- Yellow (31%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008E75 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 008E75 by changing the saturation by 10% instead.

 008E75

 008E75

FFFFFF

 00745C

 54C5A9

 005B45

 72E1C4

 00422F

 8FFEE0

 002C1A

 ACFFFD

 001000

 C9FFFF

 000000

 E7FFFF

 008E75

 0E8E78

 1C8E7A

 2B8E7D

 398E7F

 478E82

 558E84

 638E87

 728E89

 808E8C

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4F8A55



008E75



008E97

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



008E75



7577BA



B06D49

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



008E75



8E0019

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



BC6364



008E75



A06BA5

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



008E75



3083BF



B86286



98793A

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



008E75



008CAB



B86286



B66951

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



008E75



81B8AE



1A8E00



3B5C56



DBDBDB



5C5C5C

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



008E75



00B897



00618E



404746



00876F



000806

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8E0019



B80020



8E2D00



474042



870018



080001

Previews

White Background



This preview shows how the Hex color 008E75 looks on a white background.

Color Contrast Check

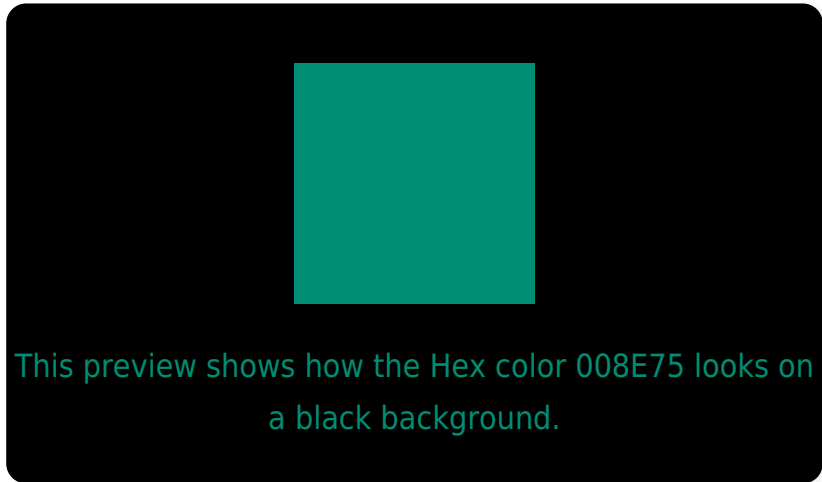
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

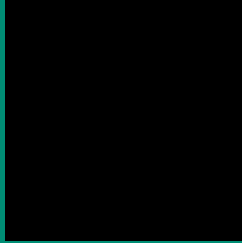
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 008E75 Background



This preview shows how black text looks on a background with the Hex color 008E75.

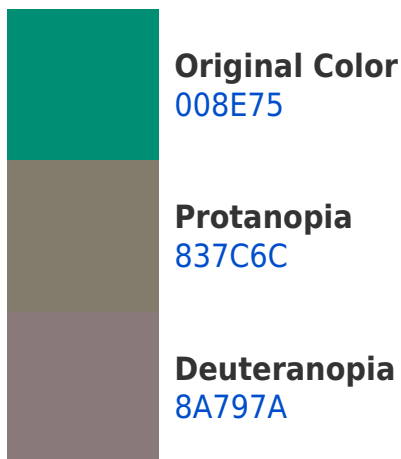


This preview shows how white text looks on a background with the Hex color 008E75.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
298A95

Trichromacy



Original Color
008E75



Protanomaly
53836F



Deuteranomaly
588178



Tritanomaly
1A8B89

Monochromacy



Original Color
008E75



Achromatopsia
616161



Achromatomaly
3E7168

CSS Examples

Text

The CSS property to change the color of the text to Hex 008E75 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #008E75 looks like.

```
.text, #text, p{  
    color:#008E75  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #008E75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008E75  
}
```

Border

The CSS property to change the border of an element to Hex 008E75 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#008E75 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#008E75 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #008E75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008E75; -webkit-box-shadow:4px 4px  
4px 4px #008E75; box-shadow:4px 4px 4px  
4px #008E75 }
```

Background

The CSS property to change the background color of an element to Hex 008E75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008E75 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#008E75 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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